

INTERNATIONAL SEARCH REPORT

International Application No

PCT/NL 02/00220

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04K1/10 H04K1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04K H04L H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FR 2 812 147 A (INNOVATRON SA) 25 January 2002 (2002-01-25)	1,5,7,9, 13,14, 16,17
A	page 6, line 31 -page 7, line 5	12
Y	page 14, line 10 -page 15, line 6	2,10
X	EP 0 993 142 A (LUCENT TECHNOLOGIES INC) 12 April 2000 (2000-04-12)	1,4,9, 13,14, 16,17
	column 2, line 17 - line 47 claims 1,3	
Y	US 5 583 994 A (RANGAN P VENKAT) 10 December 1996 (1996-12-10) abstract column 2, line 40 - line 46	2,10
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

5 December 2002

Date of mailing of the international search report

13/12/2002

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>GB 2 222 057 A (CARRIDICE LTD) 21 February 1990 (1990-02-21) the whole document</p>	<p>1,4,9, 13,16-19</p>

INTERNATIONAL SEARCH REPORT

onal Application No
PCT/NL 02/00220

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
FR 2812147	A	25-01-2002	FR 2812147 A1	25-01-2002
EP 0993142	A	12-04-2000	US 6377690 B1	23-04-2002
			BR 9904118 A	29-08-2000
			CN 1250994 A	19-04-2000
			DE 69903111 D1	31-10-2002
			EP 0993142 A1	12-04-2000
			JP 2000156720 A	06-06-2000
			KR 2000023124 A	25-04-2000
US 5583994	A	10-12-1996	WO 9521415 A1	10-08-1995
			US 5592626 A	07-01-1997
GB 2222057	A	21-02-1990	NONE	